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(54) Title: COMPOSITIONS FOR USE IN IDENTIFICATION OF BACTERIA

(57) Abstract: The present invention provides compositions, kits and methods for rapid identification and quantification of bacteria by molecular mass and base composition analysis.

INTERNATIONAL SEARCH REPORT

International application No PCT/US2006/015160

A. CLASSIFICATION OF SUBJECT MATTER INV. C12Q1/68
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL emb1; arabidopsis thaliana T-DNA flanking sequence AJ 29 March 2003 (2003-03-29), BRUNAUD V. ET AL.: XP002395797 retrieved from EMBL Database accession no. AJ552897 abstract -----	2-4, 12
X	DATABASE EMBL emb1; 18 August 2003 (2003-08-18), XP002395798 retrieved from EMBL Database accession no. AR321656 abstract -/-	1, 3, 12

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Date of the actual completion of the international search 23 August 2006	Date of mailing of the international search report 10/10/2006
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International application No PCT/US2006/015160

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	& US 6 563 025 B1 (BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS) 13 May 2003 (2003-05-13) see seq id 10 -----	1
X	DEURENBERG R H ET AL: "Rapid detection of Panton-Valentine leukocidin from clinical isolates of <i>Staphylococcus aureus</i> strains by real-time PCR" FEMS MICROBIOLOGY LETTERS, AMSTERDAM, NL, vol. 240, no. 2, 15 November 2004 (2004-11-15), pages 225-228, XP004797128 ISSN: 0378-1097 the whole document -----	1-20
X	NAKAGAWA S ET AL: "Gene sequences and specific detection for Panton-Valentine leukocidin" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 328, no. 4, 25 March 2005 (2005-03-25), pages 995-1002, XP004747569 ISSN: 0006-291X the whole document -----	1-20
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X	NARITA S ET AL: "Phage conversion of Panton-Valentine leukocidin in <i>Staphylococcus aureus</i> : molecular analysis of a PVL-converting phage, phiSLT" GENE, ELSEVIER, AMSTERDAM, NL, vol. 268, no. 1-2, 2 May 2001 (2001-05-02), pages 195-206, XP004240577 ISSN: 0378-1119 the whole document -----	1-20
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	HAMELS S ET AL: "CONSENSUS PCR AND MICROARRAY FOR DIAGNOSIS OF THE GENUS STAPHYLOCOCCUS, SPECIES, AND METHICILLIN RESISTANCE" BIOTECHNIQUES, INFORMA LIFE SCIENCES PUBLISHING, WESTBOROUGH, MA, US, vol. 31, no. 6, December 2001 (2001-12), pages 1364-1366,1368, XP001153876 ISSN: 0736-6205 the whole document -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6563025	B1 13-05-2003	NONE	
US 5702895	A 30-12-1997	NONE	